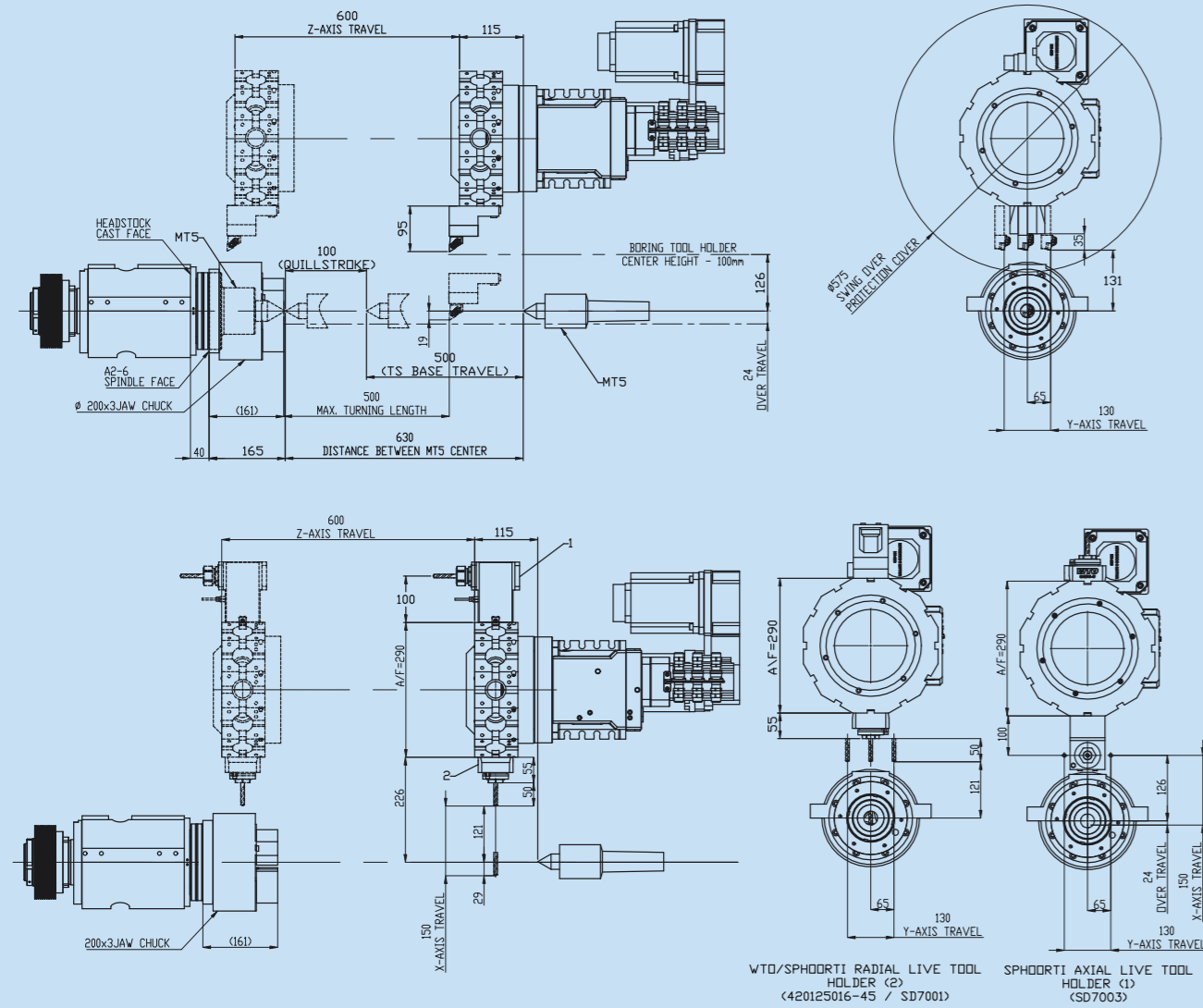
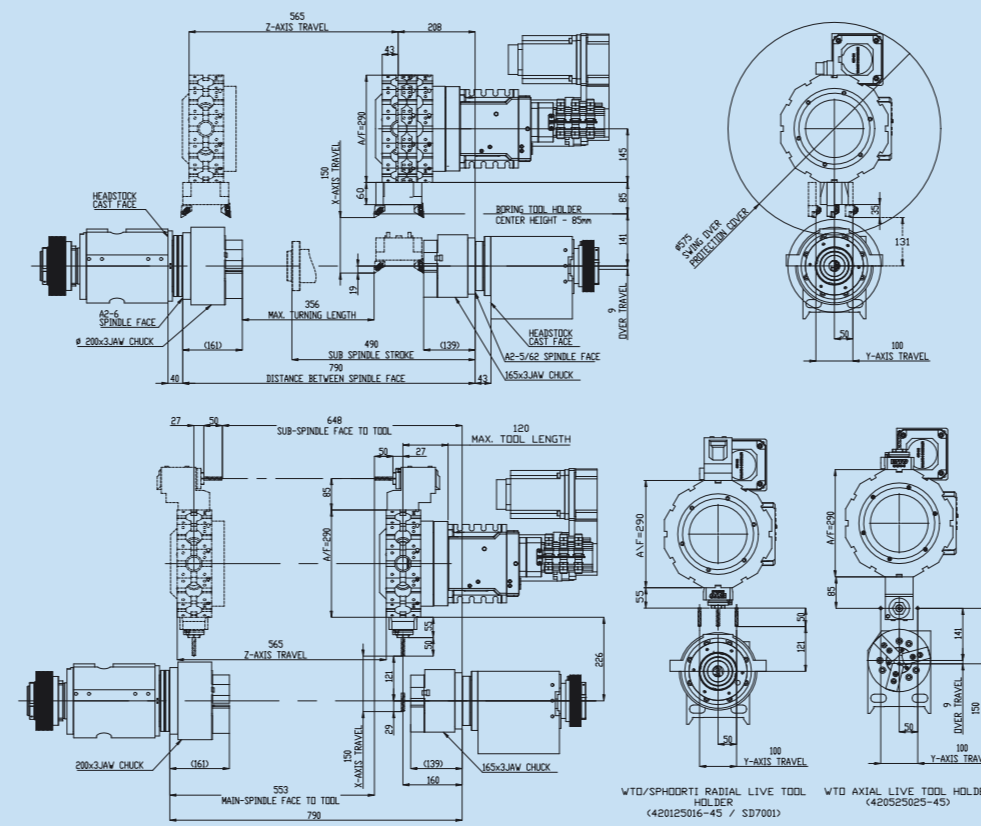


UNITURN 500 MILLTURN TAILSTOCK TOOL INTERFERENCE DIAGRAM PRAGATI DMT-80 TURRET (BMT-45)



UNITURN 500 DUO MILLTURN TOOL INTERFERENCE DIAGRAM PRAGATI DMT-80 TURRET (BMT-45)



STANDARD ACCESSORIES

- Foot Switches
- Centralised Lubrication System
- Cast Iron Mount
- High Dual-Pressure Coolant Pump with 8/4 Bar Pressure
- DMT 80 Turret - 12 Stations Servo Indexing/ Hydraulic Locking BMT 45 Live Tool Mounting
- Main Spindle - A2-6 / A2-5 LB
- Sub Spindle - A2-5 / 62
- Work Holding Main Spindle: 3 Jaw Chuck - 165 Dia / 200 Dia
- Work Holding Sub Spindle: 3 Jaw Chuck - 165 Dia
- Hydraulic Power Pack with Accumulator
- Panel AC
- Addon Lamp
- Safety Switch for Door Interlock

OTHER OPTIONAL ACCESSORIES

- Additional Headstock Side Coolant Provision
- ER20-Collet Assembly
- Part Catcher
- Ejector Sub Spindle
- Custom-Made Ejector Back Stopper
- Pneumatic Auto Door / Servo Auto Door
- Set of Nylon Bushes for Main Spindle
- Bar Feeder Interfacing - Hyd / Servo
- Barfeeder-Model-Hyd / Servo - 1.2 Mtrs / 1.5 Mtrs / 3mtrs
- Spindle Support Unit for Bar Feeder
- Chip Conveyor (Right-Side Disposal)

OPTIONAL ACCESSORIES (Work Holding- Main Spindle)

- Collet Attachment - A42 / A60 (GDW)
- Collet Attachment - CL42 / CL60 (TONFOU)
- Soft Jaws (Main Spindle)
- Hainbuch Collet Attachment
- Additional Headstock Side Coolant Provision
- Long Stroke Chuck (To enable clamping behind the collar which is larger in diameter)

OPTIONAL ACCESSORIES (Work Holding- Sub Spindle)

- Collet Attachment - A42, (GDW)
- Collet Attachment - CL42 (TONFOU)
- Hainbuch Collet Attachment
- Soft Jaws (Sub Spindle)
- Long Stroke Chuck (To enable clamping behind the collar which is larger in diameter)

STANDARD ACCESSORIES

- Foot Switches
- Centralised Lubrication System
- Cast Iron Mount
- High Dual-Pressure Coolant Pump with 8/4 Bar Pressure
- DMT 80 Turret - 12 Stations Servo Indexing/ Hydraulic Locking BMT 45 Live Tool Mounting
- Main Spindle - A2-6 / A2-5 LB
- Work Holding Main Spindle: 3 Jaw Chuck - 165 Dia / 200 Dia
- Hydraulic Power Pack with Accumulator
- Panel AC
- Tail Stock
- Addon Lamp
- Safety Switch for Door Interlock

OPTIONAL ACCESSORIES

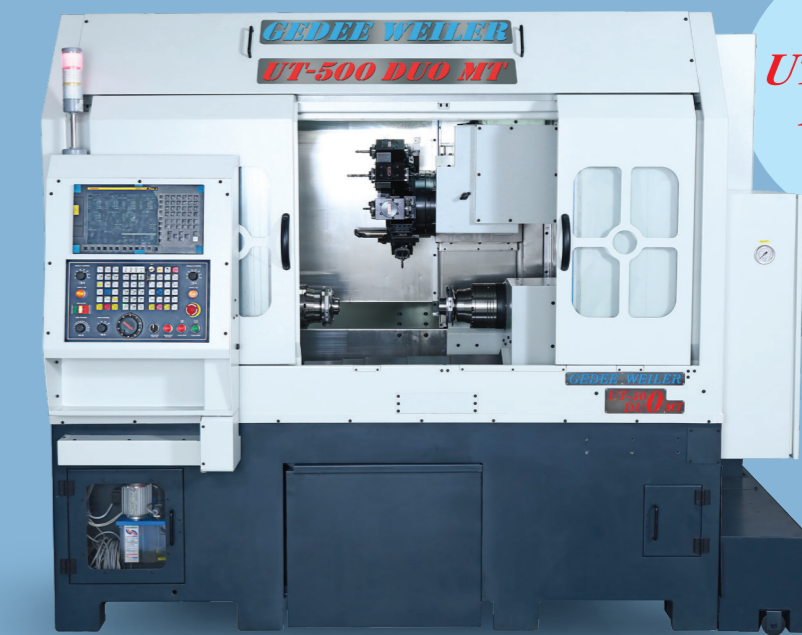
- Collet Attachment - A42 / A60 (GDW)
- Collet Attachment - CL42 / CL60 (TONFOU)
- Soft Jaws
- Hainbuch Collet Attachment
- Long Stroke Chuck (To enable clamping behind the collar which is larger in diameter)
- Additional Headstock Side Coolant Provision
- ER20 - Collet Assembly
- Pneumatic Auto Door / Servo Auto Door
- Set of Nylon Bushes for Main Spindle
- Bar Feeder Interfacing - Hyd / Servo
- Barfeeder - Model - Hyd / Servo - 1.2 Mtrs / 1.5 Mtrs / 3mtrs
- Spindle Support Unit for Bar Feeder
- Part Catcher
- Mechanical Adjustable Back Stopper
- Chip Conveyor (Right-Side Disposal)

SUB SPINDLE SERIES - DUO LINE

UT-500 MT/TS



UT-500 DUO MT



GEDEE WEILER

INNOVATE • TRANSFORM • INSPIRE

GEDEE WEILER PRIVATE LIMITED

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Hsiidc Industrial Estate, Faridabad,
Haryana -121003 Ph: 0129-4301505
Email:salesdelhi@gdweiler.com



Programming software, reduce your machining time without altering your existing setup of speed and feed (also on any existing machine).

Cutting tools. Improve your product quality and reduce production cost through enhanced tool life.



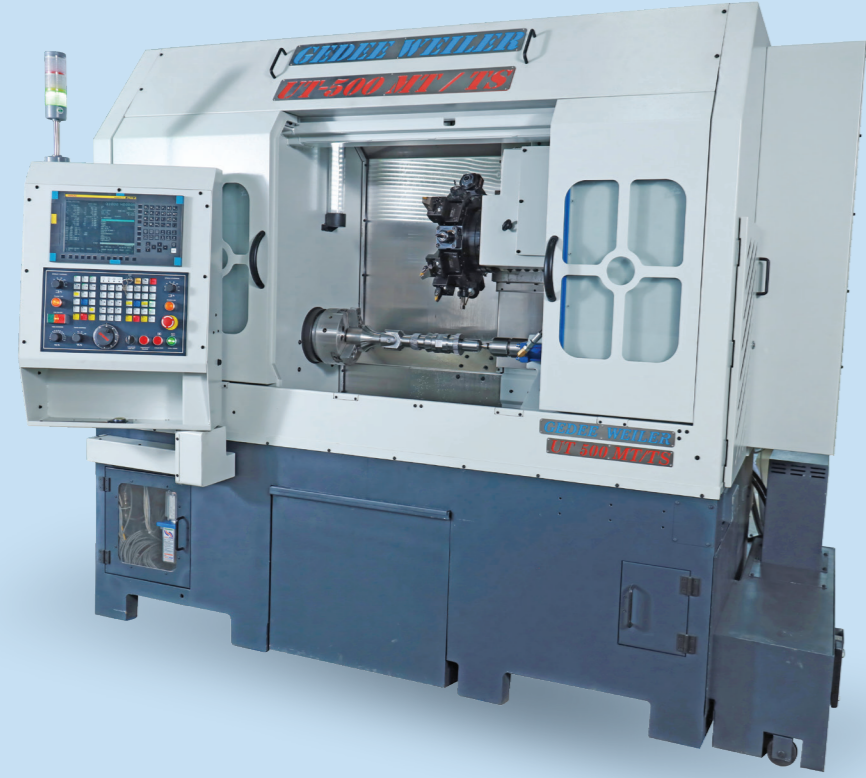
GEDEE WEILER

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UT-500 MT/TS

CNC MILL TURN CENTRE WITH TAILSTOCK

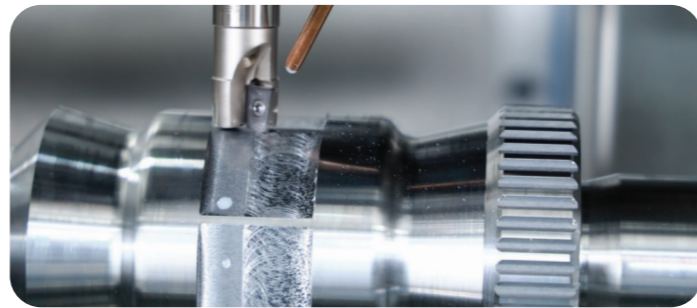
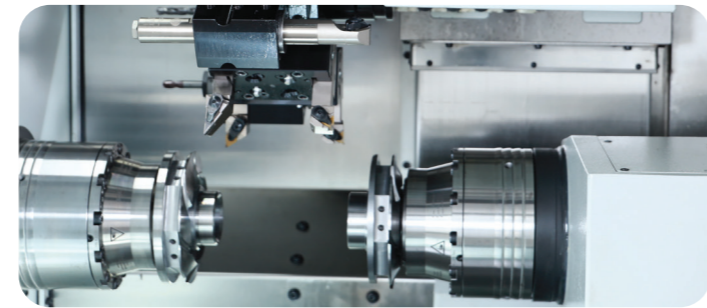
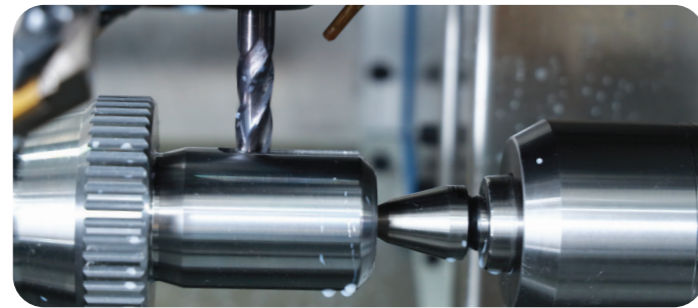
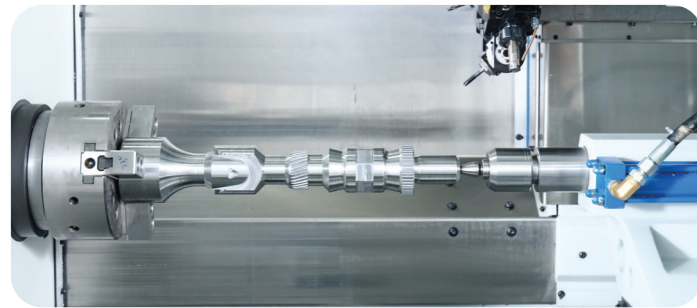
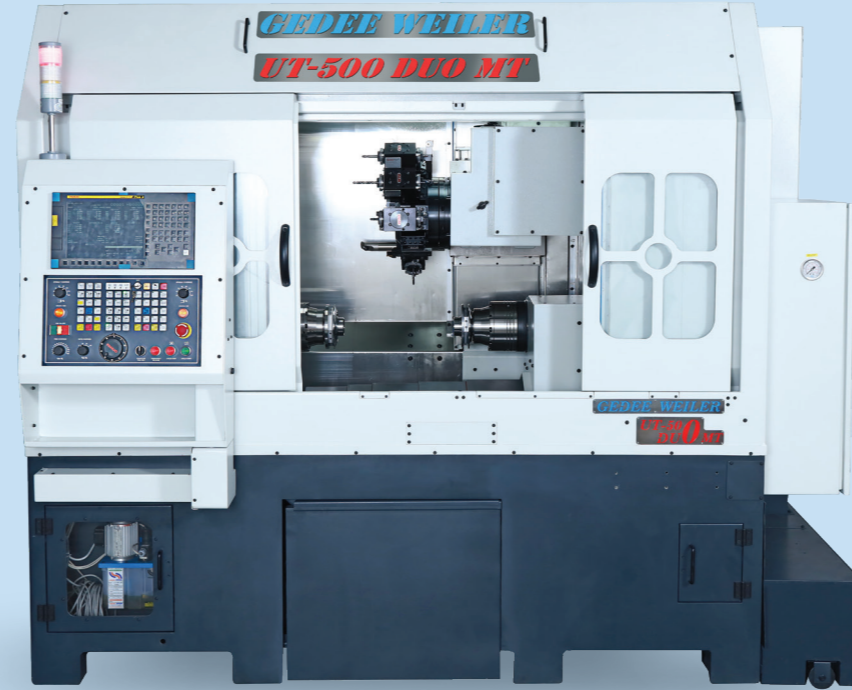
- Compact Design with Tailstock
- **True "Y" Axis** with a travel of ± 65 mm
- Optimized Mill Turn for a Variety of Complex Components



UT-500 DUO MT

CNC MILL TURN CENTRE WITH SUB SPINDLE

- Wide Range of Machining Capabilities with **True "Y" Axis**
- Highest Level of Productivity • Highest Level of Stability and Reliability
- Highest Level of Precision & Flexibility
- Simultaneous Machining with Synchronous control



* Max bar size vary with respect to draw bar bush thickness
 ** Depends upon Selection of chuck/collet, clamping arrangement and Tooling & Job
 *** Without chip conveyor and bar feeder

* Max bar size vary with respect to draw bar bush thickness
 ** Depends upon Selection of chuck/collet, clamping arrangement and Tooling & Job
 *** Without chip conveyor and bar feeder

TECHNICAL SPECIFICATIONS

TYPE	DESCRIPTION	UNIT			
		UT 42/42	UT 500 MT/TS	UT 51/42	UT 500 DUO MT
MAIN SPINDLE CAPACITY	SWING OVER - AXIS COVER	mm	575	575	575
	DISTANCE BETWEEN CHUCK JAW FACE TO CHUCK JAW FACE	mm	630	510**	490**
	MAXIMUM TURNING LENGTH	mm	520**	370**	350**
	MAXIMUM TURNING DIA	mm	260**	260**	260**
	MAXIMUM BAR CAPACITY-DIA	mm	42*	51*	51*
MAIN SPINDLE	CHUCK SIZE	mm	ø165	ø200	ø200
	COLLET SIZE	mm	A-42/CL-42	A-60/CL-60	A-60/CL-60
	SPINDLE BORE	mm	58	63	63
	SPINDLE NOSE DIN 55026	Type	A2-5LB	A2-6	A2-6
	SPINDLE SPEED	RPM	50-4000	50-4000	50-4000
SUB SPINDLE CAPACITY	SWING OVER - AXIS COVER	mm	-	-	250
	MAXIMUM TURNING LENGTH	mm	-	-	260**
	MAXIMUM TURNING DIA	mm	-	-	42*
	MAXIMUM BAR CAPACITY-DIA	mm	-	-	165
	CHUCK SIZE	mm	-	-	A-42/CL-42
SUB SPINDLE	COLLET	Type	-	-	62
	SPINDLE BORE	mm	-	-	A2-5/62
	SPINDLE NOSE DIN 55026	Type	-	-	50-4000
	SPINDLE SPEED	RPM	-	-	150
	X AXIS	mm	+65	-	±50
TRAVEL	Y AXIS	mm	565	565	565
	Z AXIS	mm	-	-	490
	SUB SPINDLE	mm	-	-	20
	RAPID TRAVERSE X AXIS (+X / -X)	mm/min	20	20	20
	RAPID TRAVERSE Y AXIS (+Y / -Y)	mm/min	25	25	25
FEED RATE	RAPID TRAVERSE Z AXIS (+Z / -Z)	mm/min	-	-	20
	RAPID TRAVERSE - SUB SPINDLE	mm/min	6000	6000	6000
	FEED RATE	Type	SERVO MOTOR DRIVE	SERVO MOTOR DRIVE	SERVO MOTOR DRIVE
	TOOL DISC INDEXING METHOD	Type	FANUC-α12IS - 4000/- MITSUBISHI HG224S-4000	FANUC-α12IS - 4000/- MITSUBISHI HG224S-4000	FANUC-α12IS - 4000/- MITSUBISHI HG224S-4000
	LIVE TOOL MOTOR	Nos	12	12	12
TOOLING	NO. OF TOOL STATIONS	mm	BMT-45	BMT-45	BMT-45
	LIVE TOOL MOUNTING	mm	20x20	20x20	20x20
	TOOL SHANK SIZE	mm	ø32	ø32	ø32
	BORING MOUNT SIZE MAX.	RPM	50-4000	50-4000	50-4000
	LIVE TOOL SPEED	mm	2200	2200	2200
MACHINE SIZE	MACHINE HEIGHT	mm	4000x4000***	4000x4000***	4000x4000***
	FLOOR SPACE	kg	6000	6000	6000
	MACHINE WEIGHT (Approx.)	Type	01 TF-/M-80A	01 TF-/M-80A	01 TF-/M-80A
	FANUC/MTS/BISHI	KW	5.5KW/7.5KW (FANUC/MTS/BISHI)	5.5KW/7.5KW (FANUC/MTS/BISHI)	5.5KW/7.5KW (FANUC/MTS/BISHI)
	SPINDLE MOTOR RATED POWER	KW	-	-	3.7KW/5.5KW (FANUC/MTS/BISHI)